

REDUCTION OF MOIRÉ EFFECT IN
PIXELATED REAR PROJECTION DISPLAYS

ABSTRACT

An apparatus and method for reducing the moiré
5 effect in rear-projection displays by rotating the dark-
stripe structure (711, 712) in the screen (71) 45 ± 15
degrees relative to the displayed pixel structure. By
rotating the dark-stripes (711) relative to the displayed
pixels, the spatial frequency at which the moiré effect
10 sets in can be improved by 15% to 41%.